PTO/SB/21 (09-04) TRANSMITTAL Filing Date May 4, 2005 **FORM** First Named Inventor Rrown Art Unit 1614 **Examiner Name** Unknown (to be used for all correspondence after initial filing) Attorney Docket Number 100885-1P US Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a **Proprietary Information** After Final Provisional Application Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below):

## Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Signature Printed name Jianzhong Shen Date Reg. No. 48,076 January 2, 2006 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature

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Typed or printed name

January 3, 2006



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/533,838 Confirmation No.: 6088

Applicant: Brown et al. PCT Appl. No.: PCT/SE2003/001705

National Phase Fld (371): May 4, 2005 PCT Filed: November 5, 2003

Docket No.: 100885-1P US TC/A.U.: 1614

Customer No.:22466 Examiner: Unknown

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith a list of patents and publications for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

In accordance with 37 C.F.R. §§ 1.97 (g) and (h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that the information cited is material to patentability as defined in 37 C.F.R. § 1.56.

Applicants also wish to make the Examiner aware of co-pending applications:

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10/477851, a PCT national phase filed on May 16, 2002; 10/477854, a PCT national phase filed on May 16, 2002; 10/477641, a PCT national phase filed on May 16, 2002; 10/477821, a PCT national phase filed on May 16, 2002; 10/491263, a PCT national phase filed on October 2, 2002; 10/240114, a PCT national phase filed on March 30, 2001; 10/240038, a PCT national phase filed on March 30, 2001; 10/222990, filed on August 19, 2002; 10/541522, a PCT national phase filed on January 13, 2004; 10/541664, a PCT national phase filed on January 13, 2004; and 10/541664, a PCT national phase filed on January 13, 2004.
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In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

This Information Disclosure Statement is being filed before the mailing date of a first office action on the merits and therefore, pursuant to 37 C.F.R. § 1.97(b), no fee is required pursuant to 37 C.F.R. § 1.17(p).

Respectfully submitted,

Name: Jianzhong Shen Dated: January 2, 2006

Reg. No. 48,076

Phone No. 302-886-8854

Global Intellectual Property, Patents,

AstraZeneca,

1800 Concord Pike,

Wilmington, DE-19850-5437

Enclosures:

Form PTO/SB/08A (1 pg)

Form PTO/SB/08B (1 pg)

References (12)

PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Known Application Number 10/533,838 May 4, 2005 Filing Date First Named Inventor Brown Art Unit 1614 **Examiner Name** Unknown Attorney Docket Number 100885-1P US

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2,898,339	08-04-1959	Wheeler et al.	
		<sup>US-</sup> 4,581,171	04-08-1986	Kennis et al.	
		<sup>US-</sup> 4,816,586	03-28-1989	Portoghese	
		<sup>US-</sup> 4,939,137	07-03-1990	Russell et al.	
		<sup>US-</sup> 5,140,029	08-18-1992	Kennis et al.	
		<sup>US-</sup> 5,574,159	11-12-1996	Chang et al.	
		<sup>US-</sup> 5,683,998	11-04-1997	Shibayama et al.	
		<sup>US-</sup> 6,187,792	02-13-2001	Delorme et al.	
		<sup>US-</sup> 6,455,545	09-24-2002	Delorme et al.	
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
-		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>		
		WO 93/15062	08-05-1993	The Wellcome Foundation	•			
		WO 97/23466	07-03-1997	Astra Aktiebolag				
		WO 98/28275	07-02-1998	Astra Pharma Inc.				
		WO 99/33806	07-08-1999	Ortho-McNeil Pharmaceutic				
	i	WO 01/74804	10-11-2001	AstraZeneca AB				
		WO 01/74806	10-11-2001	AstraZeneca AB				

Examiner	Date
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Substitute for form 1449/PTO				Complete if Known		
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Sheet	2	of	2	Attorney Docket Number	100885-1P US	

	NON DATENT LITEDATUDE DOCUMENTS		
	BARBER, A. et al., "Antinociceptive effects of the 5-HT2 Antagonist Ritanserin in Rats: Evidence in the Spinal Cord," Neuroscience Letters, 1989, Vol. 99, pgs 234-238		
	BILSKY, E. et al., "SNC 80, A Selective, Nonpeptidic and Systematically Active Opioid Delta Agonist," J. Pharmacology Experimental Ther., 1995, Vol. 273, pgs. 359-366		
	GREENE T., "Protective Groups in Organic Synthesis," Wiley & Sons, 1982, pgs. 218, 220, 232, 233, 251		
	TAKEMORI, A.E. et al., "Selective Natrexone-Derived Opioid Receptor Antagonists," Annu. Rev. Pharmacol. Toxicol., 1992, Vol. 32, pgs. 239-269		
	WEI, Z. et al., "N,N-Diethyl-4-(phenylpiperidin-4-ylidenemethyl)benzamide A Novel and its Analogues," J. Med. Chem., 2000, Vol. 43, pgs. 3895-3905		
	ZHANG, X. et al., "Probes for Narcotic Receptor Mediated Phenomena. 26. 1-3 Synthesis Opioid Receptor Ligands, J. Med. Chem., 1999, Vol. 42, pgs. 5455-5463		
	·		
		Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  BARBER, A. et al., "Antinociceptive effects of the 5-HT2 Antagonist Ritanserin in Rats: Evidence in the Spinal Cord," Neuroscience Letters, 1989, Vol. 99, pgs 234-238  BILSKY, E. et al., "SNC 80, A Selective, Nonpeptidic and Systematically Active Opioid Delta Agonist," J. Pharmacology Experimental Ther., 1995, Vol. 273, pgs. 359-366  GREENE T., "Protective Groups in Organic Synthesis," Wiley & Sons, 1982, pgs. 218, 220, 232, 233, 251  TAKEMORI, A.E. et al., "Selective Natrexone-Derived Opioid Receptor Antagonists," Annu. Rev. Pharmacol. Toxicol., 1992, Vol. 32, pgs. 239-269  WEI, Z. et al., "N,N-Diethyl-4-(phenylpiperidin-4-ylidenemethyl)benzamide A Novel and its Analogues," J. Med. Chem., 2000, Vol. 43, pgs. 3895-3905  ZHANG, X. et al., "Probes for Narcotic Receptor Mediated Phenomena. 26. 1-3 Synthesis Opioid Receptor	

Examiner	Date
Signature	Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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